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Bird Migration

Dates of Arrival of Birds
Within Ten Miles of
Springfield, Massachusetts
During Springs of 1901 to 1906

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CAMBRIDGE, MA

Springfield Museum of Natural History
Nineteen Hundred and Seven

SPRING OBSERVATIONS.....	1901.	1902.	1903.
Cedar Waxwing.....	.....	.....	Mar. 3
Song Sparrow.....	Mar. 8	Mar. 8	" 3
Black Duck.....	.....	" 8	" 7
Sharp-shinned Hawk.....	.....	.....	" 11
Bronzed Grackle.....	" 13	Feb. 28	" 3
Bluebird	" 14	" 27	Feb. 23
Marsh Hawk .....	.....	Mar. 15	Mar. 7
Meadowlark .....	.....	.....	" 15
Northern Flicker .....	.....	.....	" 15
Red-winged Blackbird.....	" 16	" 8	" 3
Canada Goose	" 16	" 12	" 23
American Robin.....	" 17	" 1	" 3
Red-shouldered Hawk .....	.....	.....	.....
Fox Sparrow	" 22	" 14	" 14
Phoebe.....	" 23	" 15	" 14
Hooded Merganser.....	.....	.....	.....
Purple Finch.....	" 31	" 31	" 17
American Bittern....	.....	Apr. 5	" 28
American Woodcock .....	.....	" 5	.....
Cowbird	Apr. 6	" 5	" 28
Black-crowned Night Heron.....	.....	" 6	" 28
Wood Duck.....	.....	" 6	.....
Great Blue Heron.....	" 8	" 4	Apr. 6

1904.	1905.	1906.	1907.	1908.	1909.	1910.
Mar. 12	Mar. 26	Mar. 25	.....	.....	.....	.....
“ 12	“ 9	Feb. 26	.....	.....	.....	.....
“ 20	.....	Mar. 13	.....	.....	.....	.....
.....	.....	Apr. 28	.....	.....	.....	.....
“ 20	“ 18	Feb. 26	.....	.....	.....	.....
“ 11	“ 12	“ 23	.....	.....	.....	.....
“ 19	“ 23	Mar. 13	.....	.....	.....	.....
Apr. 4	“ 26	“ 10	.....	.....	.....	.....
Mar. 28	“ 31	Apr. 14	.....	.....	.....	.....
“ 19	“ 18	Mar. 11	.....	.....	.....	.....
“ 20	“ 24	Apr. 4	.....	.....	.....	.....
“ 14	“ 17	Feb. 24	.....	.....	.....	.....
.....	“ 18	.....	.....	.....	.....	.....
“ 26	“ 20	“ 26	.....	.....	.....	.....
“ 25	“ 23	Apr. 5	.....	.....	.....	.....
.....	“ 24	.....	.....	.....	.....	.....
Apr. 9	“ 19	“ 4	.....	.....	.....	.....
May 7	.....	.....	.....	.....	.....	.....
Apr. 30	.....	“ 3	.....	.....	.....	.....
“ 9	Apr. 1	“ 7	.....	.....	.....	.....
Mar. 27	Mar. 28	.....	.....	.....	.....	.....
“ 24	.....	“ 12	.....	.....	.....	.....
.....	Apr. 9	“ 7	.....	.....	.....	.....

	1901.	1902.	1903.
Swamp Sparrow			
Rusty Blackbird.....	Apr. 11	Mar. 31	
Tree Swallow.....	“ 11	Apr. 11	Mar. 14
Cooper's Hawk			
American Osprey	“ 12	“ 12	“ 7
Mourning Dove.....	“ 12	“ 5	“ 26
Pine Warbler.....	“ 13	“ 14	Apr. 2
Vesper Sparrow.....	“ 13	“ 5	Mar. 24
Chipping Sparrow.....	“ 17	“ 12	Apr. 2
Field Sparrow.....	“ 17	“ 5	Mar. 28
Savanna Sparrow	“ 19	“ 14	Apr. 15
Yellow Palm Warbler.....	“ 19	“ 14	“ 17
Belted Kingfisher.....	“ 19	Mar. 15	Mar. 14
White-throated Sparrow.....		Apr. 21	Apr. 20
Pectoral Sandpiper.....			
Yellow-bellied Sapsucker		“ 21	“ 22
Pied-billed Grebe			
Least Flycatcher.....	“ 27	“ 22	May 1
Barn Swallow		“ 28	Apr. 22
Hermit Thrush.....	“ 30	“ 16	“ 2
Myrtle Warbler.....	“ 30	“ 19	“ 30
Purple Martin.....	“ 30	“ 23	May 14
Catbird		“ 30	“ 7

1904.	1905.	1906.	1907.	1908.	1909.	1910.
.....	Apr. 8	.....	.....	.....	.....	.....
Apr. 2	Mar. 23	Apr. 4	.....	.....	.....	.....
" 5	" 26	" 7	.....	.....	.....	.....
.....	.....	" 12	.....	.....	.....	.....
" 17	Apr. 8	" 12	.....	.....	.....	.....
Mar. 11	Mar. 28	Mar. 22	.....	.....	.....	.....
Apr. 9	Apr. 1	Apr. 10	.....	.....	.....	.....
" 10	" 1	" 4	.....	.....	.....	.....
" 15	" 1	" 15	.....	.....	.....	.....
" 2	" 1	" 14	.....	.....	.....	.....
" 16	" 9	" 7	.....	.....	.....	.....
" 10	" 8	" 14	.....	.....	.....	.....
" 4	Mar. 26	Mar. 31	.....	.....	.....	.....
" 19	Apr. 17	Apr. 16	.....	.....	.....	.....
.....	.....	" 21	.....	.....	.....	.....
" 17	" 7	" 10	.....	.....	.....	.....
" 23	....	" 20	.....	.....	.....	.....
May 4	May 3	May 3	.....	.....	.....	.....
Apr. 30	Apr. 22	Apr. 14	.....	.....	.....	.....
" 9	" 7	" 14	.....	.....	.....	.....
" 15	" 20	" 21	.....	.....	.....	.....
" 24	" 13	" 27	.....	.....	.....	.....
May 5	May 3	May 3	.....	.....	.....	.....

	1901.	1902.	1903.
Blue-headed Vireo.....			Apr. 30
Greater Yellow-legs			
Ruby-crowned Kinglet.....	May 2	Apr. 16	" 12
Spotted Sandpiper	" 2	" 21	May 9
Black-throated Green Warbler.....	" 2	May 1	Apr. 26
Northern Parula Warbler.....	" 2	" 3	" 29
Kingbird.....		" 2	May 1
Black and White Warbler.....	" 3	Apr. 29	Apr. 30
Wood Thrush... ..		May 3	May 8
Green Heron.....			
Louisiana Water Thrush			
Chimney Swift	" 5	Apr. 23	Apr. 22
House Wren.....	" 6	May 5	May 8
Yellow-legs.....			
Pigeon Hawk.....			
White-eyed Vireo (Wilbraham, Mass.)			
Warbling Vireo.....	" 8	" 7	" 3
American Redstart.....	" 8	" 5	" 8
Yellow-throated Vireo.....	" 8	" 5	" 2
Cliff Swallow.....			" 8
Olive-sided Flycatcher.....			
Nighthawk.....		" 9	" 14
Ovenbird.....	" 9	Apr. 18	" 8

1904.	1905.	1906.	1907.	1908.	1909.	1910.
Apr. 30	May 3	Apr. 30	.....	.....	.....	.....
.....	.....	" 30	.....	.....	.....	.....
" 15	Apr. 12	" 14	.....	.....	.....	.....
May 5	" 25	" 30	.....	.....	.....	.....
Apr. 30	" 28	" 30	.....	.....	.....	.....
May 6	May 3	May 2	.....	.....	.....	.....
" 5	" 1	" 4	.....	.....	.....	.....
Apr. 30	Apr. 25	Apr. 30	.....	.....	.....	.....
May 5	May 3	May 3	.....	.....	.....	.....
.....	.....	" 4	.....	.....	.....	.....
.....	" 3	" 13	.....	.....	.....	.....
Apr. 23	Apr. 20	Apr. 22	.....	.....	.....	.....
May 8	.....	.....	.....	.....	.....	.....
.....	May 6	.....	.....	.....	.....	.....
.....	.....	May 6	.....	.....	.....	.....
" 7	.....	.....	.....	.....	.....	.....
" 1	Apr. 29	" 9	.....	.....	.....	.....
" 6	May 3	" 8	.....	.....	.....	.....
" 5	" 5	Apr. 30	.....	.....	.....	.....
.....	" 8	May 4	.....	.....	.....	.....
.....	" 8	" 13	.....	.....	.....	.....
" 12	" 6	" 13	.....	.....	.....	.....
" 4	" 3	" 3	.....	.....	.....	.....

	1901.	1902.	1903.
Northern Water Thrush.....	May 9	May 14	May 8
Baltimore Oriole.....	" 9	" 5	" 9
Whip-poor-will .....	.....	.....	" 9
Rose-breasted Grosbeak.....	" 10	" 4	" 8
Bay-breasted Warbler.....	.....	" 10	.....
Scarlet Tanager.....	" 11	" 5	" 14
Bobolink.....	" 11	" 8	" 2
Solitary Sandpiper.....	" 11	" 13	" 9
Towhee: Chewink.....	" 12	Apr. 28	" 2
Brown Thrasher.....	" 12	" 29	Apr. 12
Blackburnian Warbler.....	" 12	May 1	May 8
Chestnut-sided Warbler.....	" 12	" 5	" 8
Wilson's Thrush.....	" 12	" 6	" 7
Nashville Warbler.....	" 12	" 7	" 10
Magnolia Warbler.....	" 12	" 10	" 1
Lincoln's Sparrow.....	.....	.....	.....
Tennessee Warbler.....	.....	.....	.....
Grasshopper Sparrow.....	" 13	Apr. 29	" 8
Ruby-throated Hummingbird	" 13	May 2	.....
Olive-backed Thrush.....	" 13	" 10	.....
Duck Hawk.....	.....	.....	.....
Wood Pewee.....	.....	" 14	" 18
Yellow-bellied Fly-catcher.....	.....	" 14	.....

1904.	1905.	1906.	1907.	1908.	1909.	1910.
May 5	May 6	May 4	.....	.....	.....	.....
" 7	" 3	" 5	.....	.....	.....	.....
" 7	" 5	" 13	.....	.....	.....	.....
" 6	Apr. 29	" 2	.....	.....	.....	.....
" 20	May 13	" 13	.....	.....	.....	.....
" 7	" 4	" 7	.....	.....	.....	.....
" 5	" 6	" 5	.....	.....	.....	.....
" 10	" 6	" 8	.....	.....	.....	.....
" 5	Apr. 28	Apr. 21	.....	.....	.....	.....
Apr. 30	" 25	.....	.....	.....	.....	.....
May 5	May 3	May 1	.....	.....	.....	.....
" 6	" 3	" 3	.....	.....	.....	.....
" 5	" 2	" 7	.....	.....	.....	.....
" 12	" 3	" 1	.....	.....	.....	.....
" 10	" 3	" 13	.....	.....	.....	.....
.....	" 12	.....	.....	.....	.....	.....
.....	" 12	" 16	.....	.....	.....	.....
" 7	" 11	" 10	.....	.....	.....	.....
" 11	" 9	" 8	.....	.....	.....	.....
" 13	" 10	" 16	.....	.....	.....	.....
.....	.....	" 13	.....	.....	.....	.....
" 11	" 6	" 14	.....	.....	.....	.....
" 14	" 17	.....	.....	.....	.....	.....

	1901.	1902.	1903.
Least Sandpiper.....		May 14	.....
Bank Swallow.....	May 15	Apr. 30	May 7
Northern Yellow-throat.....	" 15	May 5	" 14
Yellow Warbler.....	" 15	" 5	" 4
Black-throated Blue Warbler.....	" 15	" 7	" 8
Red-eyed Vireo.....	" 15	" 8	" 16
Yellow-billed Cuckoo.....	" 15	" 10	" 16
Indigo Bunting.....	" 15	" 12	" 13
Wilson's Warbler.....	" 16	" 14	.....
Canadian Warbler.....			" 16
Black-poll Warbler.....			" 16
Gray-cheeked Thrush.....			" 16
Great-crested Flycatcher.....			" 16
Prairie Warbler.....		" 18	" 23
Yellow-breasted Chat.....		" 18	.....
White-crowned Sparrow.....			.....
Orchard Oriole.....		" 21	" 14
Short-billed Marsh Wren.....			.....
Black-billed Cuckoo.....		" 23	.....
Golden-winged Warbler.....		" 24	.....
Alder Flycatcher.....			.....
.....			
.....			

1904.	1905.	1906.	1907.	1908.	1909.	1910.
May 14	May 13	.....	.....	.....	.....	.....
Apr. 30	Apr. 30	May 5	.....	.....	.....	.....
May 8	May 3	" 7	.....	.....	.....	.....
" 5	" 3	" 2	.....	.....	.....	.....
" 6	" 3	" 5	.....	.....	.....	.....
" 5	" 4	" 13	.....	.....	.....	.....
.....						
" 8	" 3	" 13	.....	.....	.....	.....
" 20	" 12	" 13	.....	.....	.....	.....
" 13	" 9	" 14	.....	.....	.....	.....
" 7	" 13	" 17	.....	.....	.....	.....
.....						
" 8	" 13	" 5	.....	.....	.....	.....
" 22	.....	.....	.....	.....	.....	.....
.....						
" 20	" 13	" 17	.....	.....	.....	.....
June 3	.....	.....	.....	.....	.....	.....
May 21	.....	.....	.....	.....	.....	.....
" 22	" 17	.....	.....	.....	.....	.....
.....						
June 3	" 2	" 5	.....	.....	.....	.....
.....						
.....						

THE RECORD OF BIRD-COMINGS

Kept by Miss Grace L. Pettis of the
Science Museum for Six Years.

to the Editor of *The Republican*:—

During the past six years, at the suggestion, and under the guidance of Miss Grace L. Pettis, the assistant curator of the museum of natural history, valuable statistics have been gathered, showing the first arrival here of each of the various common species of birds that migrate up the Connecticut valley during the spring. A very few representatives of the kinds that first appear occasionally make this vicinity their winter home; this part of the country being the extreme northern limit of their winter range. For instance, there are certain spots within a few miles of Springfield where most any quiet day in January the call note of the song sparrow can be heard, and there are places here where, some winters, one will be pretty sure to see the meadow lark, and in other localities the flicker. Care has been taken to try not to confuse these residents with the migrants. The season just past has been an unusual one. In January we had a number of days when conservative thermometers registered from 50 to 60 degrees in the shade. Then we had a slight awakening of insect life. Hepaticas were found in bloom, and the piping of the tree frog or hyla was said to have been heard, but the number of birds here during this unusually warm period in January was very small. A few herring gull wandered up the river, and owing to the meadows being free from a snow covering the mice-eating hawks were here in greater numbers than usual, but there was no migration from the South, and the northern birds were not as numerous as commonly; so, notwithstanding it was an open winter, such perhaps as the average one in Virginia, there were fewer birds here than there were during the two previous winters, which were extremely cold. The last of February we had a warm week, when a few migrants appeared from the South, but after that came a succession of severe snowstorms, and for nearly a month there was hardly any addition made to the list. Annexed is the record as made for the last six years.

ROBERT O. MORRIS.

Springfield, April 16, 1906.

